



## L22WD Series Quick Setup Guide PACKAGE CONTENTS:

- 22" Widescreen LCD DVR
- HDD Pre-Installed\*
- Mouse
- Remote Control
- Power Adaptor
- Cameras & stands\*
- Camera extension cables\*
- Octopus Cable
- Ethernet cable
- Software application CD
- Quick Start Guide

\* Screen size, number of cameras, accessories and hard drive capacity may vary by model. Check your package for specific content information.

### ATTENTION:

- Broadband Router and Computer are required for local and remote monitoring (not included).
- Lorex Client software is compatible with Windows XP™ and Vista™ operating systems.
- For detailed setup and software information, please refer to your printed User's manual (included).
- User Manual's in additional languages, consumer guides and storage calculator are included on your CD.

## It's all on the Web

For detailed setup information, please refer to your included User's Manual. For additional information, please visit our website [www.lorexctv.com](http://www.lorexctv.com)

Email Support: [support@lorexcorp.com](mailto:support@lorexcorp.com)  
Toll Free Technical Support:  
North America: **1-888-42 LOREX (1-888-425-6739)**  
Mexico: **1-800-514-6739**  
Toll Free Technical Support - International (outside of North America):  
**+800-425-6739-0**  
(Example: From the UK, dial 00 instead of +)  
Lorex International Website - [www.lorexctv.com](http://www.lorexctv.com)



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## SETUP YOUR MONITOR FIRST

### STEP 1

#### BASIC INSTALLATION GUIDE

Time: 20 Minutes | Hand Tools | Skills - Easy



### 1 Connect DIN Cameras to the Monitor:

\* Connect cameras to extension cables by aligning the arrows.



**NOTE:** The arrow mark on top of the flat side of the camera and cable connectors should face UP while inserting to the Monitor.

**TIP:** Test the cameras prior to selecting a permanent mounting location by temporarily connecting the Cameras and Cables to your System.

Connect the first camera to the CH1 input. Follow the same steps to connect the additional cameras.



**NOTE:** You cannot connect BNC and DIN cameras to the same channel simultaneously.

### OPTIONAL

### 1a Connect BNC Cameras to the Monitor:



**Male Power Connector** - The male power connector end of the Extension cable connects to the Camera.

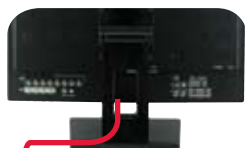


**Female Power Connector** - The female power connector (barrel) end of the Extension cable connects to the Power Adaptor.

**ATTENTION:** The ends of the extension cable are NOT the same - one end has a Male power connector, and the other has a Female power connector. Before permanently running the Camera Extension Cable, make sure that the cable has been oriented between the Camera and the unit correctly.

### If You are using BNC cameras:

1. Connect the extension cable to the Camera.
  - a. Connect the Male Power connector to the Camera.
  - b. Connect the BNC connector to the Camera.
2. Connect the extension cable to the system.
  - a. Connect the BNC connector to an available BNC port on the system.
  - b. Connect the Female Barrel Power connector to a power adaptor.
3. Connect the Power Adaptor to a wall outlet.



The Octopus Cable (provided with the 16 channel system) allows 8 additional BNC cameras to be added to the system representing 9 and 16 channels.



## SETUP YOUR MONITOR FIRST

### STEP 1

#### BASIC INSTALLATION GUIDE

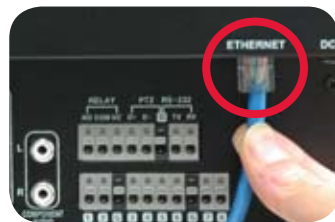
Time: 20 Minutes | Hand Tools | Skills - Easy



### CONTINUED

### 2 Connect the Ethernet Cable:

Connect one end of the Ethernet cable (for remote monitoring) to one of the router's (not included) LAN ports and the other end to Monitor's Network Port located at the back of the Monitor.



### 3 Connect the Mouse:

Connect a USB mouse to one of the USB ports located at the side of the monitor.



### 4 Connect the Power Cable:

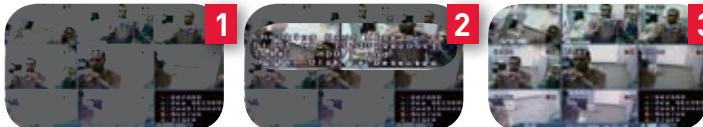
Connect one end of the power adaptor to the monitor and the other end to an electrical outlet.



**NOTE:** Your system will perform the following System Check:  
1. Blue LED at the front flashes four times  
2. You will hear 2 beeps  
3. Power LED at the front turns RED

**PRESS THE MONITOR POWER BUTTON ON - LOCATED ON THE FRONT OF THE MONITOR.** Your system will load with screens shown below.

**NOTE:** This may take up to 15 seconds. Please wait until the system completes loading.



### 5 Setting the Date and Time:

- Time and Date can be set by
- Pressing the **SETUP** button from the front panel of the monitor
  - Pressing the **SETUP** button from the remote control (or) by
  - Using the mouse navigation (**recommended**)
1. Right click the mouse and select **SETUP** and click on **SYSTEM SETUP**
  2. On **SYSTEM SETUP MAIN Menu**, select **SYSTEM**
  3. Click on the **DATE/TIME Menu** and use the **UP** and **DOWN** arrows to change the **DATE/TIME**. **NOTE:** If the Date/Time is set into the past, a message will appear warning that Overlapped date(s) will be erased.
  4. Click **APPLY**. The system will prompt you for default **USER ID** and **PASSWORD**.



**Congratulations!**

**THE DEFAULT USER IS ADMIN  
THE DEFAULT ADMIN PASSWRD IS 1234**

You have completed Step 1 successfully. You can now view, record and playback images on your system.

## NAVIGATION AND CONTROLS

### STEP 2

#### BASIC INSTALLATION GUIDE

Time: 20 Minutes | Skills - Easy



### 1 Mouse:

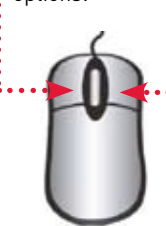
#### LEFT BUTTON -

- Click to select options in Menu, Recording and Search Mode.
- Click to change settings, select dates and perform other options.
- Double click on a Channel in QUAD or other display views to view the single camera in full screen.

**RECOMMENDED FOR EASY USE AND NAVIGATION**

#### RIGHT BUTTON -

- Opens a submenu to access a list of options:



### 2 Remote Control:



**RECOMMENDED FOR USE FROM A DISTANCE**

### 3 Monitor Front Panel:

The Front Panel buttons can also be used to access the menus and configure the system.

1. System Power Button
2. Multi-function Menu Mode
3. Setup Menu
4. Return Button
5. Navigation & Enter Controls
6. Power LED
7. Record LED
8. Network LED



### 4 Multifunction System/Modes:



## SET-UP LOCAL VIEWING ON YOUR PC

### STEP 3

#### LOCAL VIEWING INSTALLATION GUIDE

Time: 30 Minutes | Hardware PC/Router | Skills - Intermediate



**THIS STEP RELATES TO REMOTE VIEWING OVER THE LAN (LOCAL AREA NETWORK) BY USING A PC LOCATED ON THE SAME NETWORK AS THAT OF THE SYSTEM.**

**\*Your system MUST be connected to a Router prior to powering it ON.**

### 1 Retrieve System Information:

To retrieve the System Information, press the INFO button on the Remote Control (ensure batteries are inserted) (or) Press the ENTER button on the front panel of the Monitor.



**NOTE:** The system will lease networking information from your Router. If you wish to set your information manually, then remove the ☒ from DHCP option. Please consult your Hardware Manual for further Menu options.

Record the IP and MAC Addresses in the section below:

IP ADDRESS : \_\_\_\_ . \_\_\_\_ . \_\_\_\_ . \_\_\_\_

MAC ADDRESS : \_\_\_\_ : \_\_\_\_ : \_\_\_\_ : \_\_\_\_ : \_\_\_\_ : \_\_\_\_  
(Required for DDNS registration)

If the IP Address is 127.0.0.1 it means that you are either not connected to your local network or your system is not in DHCP detect mode.

### 2 Install Software:

(on your local computer for local viewing):

Insert the Lorex Client Software CD into your local computer's CD ROM.

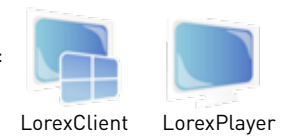
Click Next and follow the installation screens to complete Lorex Client Software installation.



### 3 Lorex Client Software:

(on your local computer for local viewing):

Close the CD Menu Screen. **Lorex Client** and **Lorex Player** icons will appear on your desktop.





## SET-UP LOCAL VIEWING ON YOUR PC

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## SET-UP INTERNET REMOTE SECURITY MONITORING

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STEP 3

CONTINUED

LOCAL VIEWING INSTALLATION GUIDE

Time: 30 Minutes

Hardware

PC/Router

Skills - Intermediate



STEP 3

CONTINUED

LOCAL VIEWING INSTALLATION GUIDE

Time: 30 Minutes

Hardware

PC/Router

Skills - Intermediate



STEP 4

STEP 4

CONTINUED

REMOTE VIEWING INSTALLATION GUIDE

Time: 60 Minutes

Hardware

PC/Router

Skills - Advanced



STEP 4

CONTINUED

REMOTE VIEWING INSTALLATION GUIDE

Time: 60 Minutes

Hardware

PC/Router

Skills - Advanced



- 4 Run the Lorex Client Software:**  
(on your local computer for local viewing):

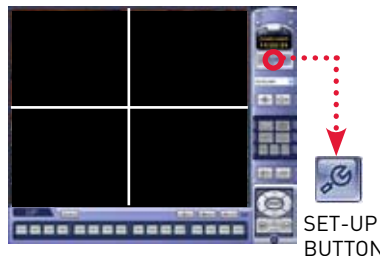
Double-click the **Lorex Client** software icon on your desktop to run the program.

**NOTE:** When you run LorexCliet on your PC for the first time, you may see the Windows Security Alert. Please click unblock to run the application. (on Windows Vista™ select "Allow").



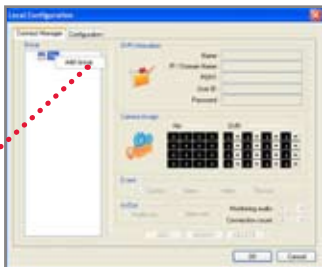
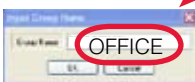
- 5 Lorex Client Set-up:**  
(on your local computer for local viewing):

Click the **Setup** icon from the Lorex Client Software Screen.



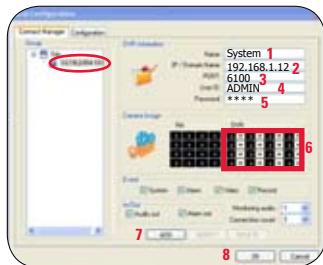
- 6 Add 'Group':**  
(on your local computer for local viewing):

Click on the SITE listing on the Left Panel, and Right Click to 'ADD GROUP'. Enter a name for the **GROUP**, and click **OK**.



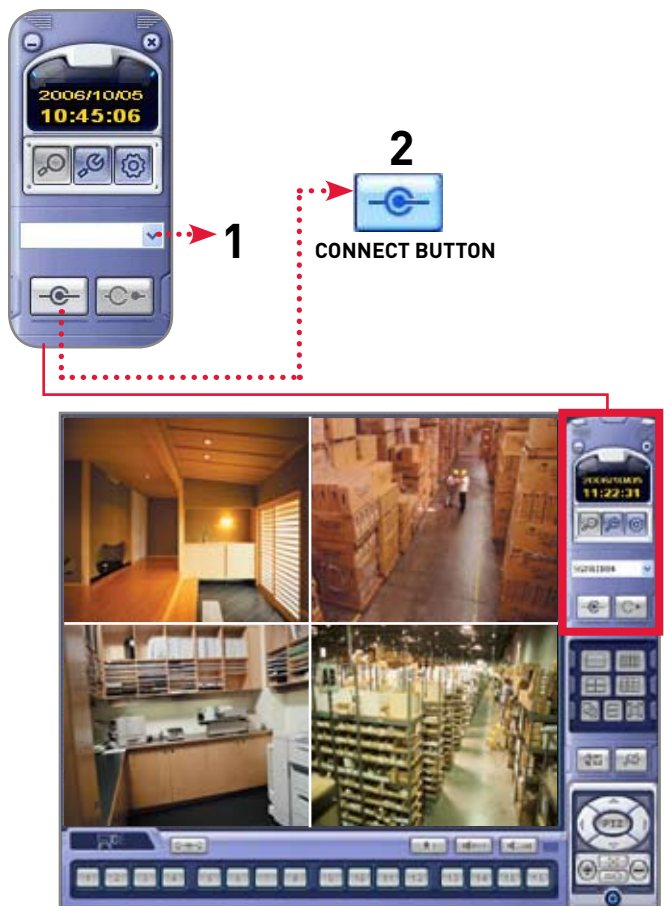
- 7 Enter Client Setup Information:**  
(on your local computer for local viewing):
- Select the **GROUP** you created and enter **SETUP** information.

1. Enter a **Name** for the System.
2. Enter the IP Address recorded in **Step 2-1**
3. Enter the Monitor **TCP/IP** port (6100 by default).
4. Enter the **User ID** (ADMIN by default), max. 5 characters.
5. Enter the **Admin Password** (1234 by default).
6. Add cameras using the drop down menus to assign camera positions. 1, 2, 3, 4 is set by default.
7. Click **ADD** to add the System Location.
8. Click **OK**



- 8 View Cameras Locally:**  
(on your local computer for local viewing):

Select the new Group you created using the drop down menu (1) and press the **CONNECT** button (2) to connect to the **LOCAL LIVE** site.



\*For viewing your system in your local area network (LAN)

Please refer to the Lorex Client section in your user manual to learn more about the Lorex Client, Lorex Player and the Storage Calculator.

**Congratulations!**

You have completed Step 3 successfully. You can now view, playback images and remotely control your system on your local computer over the Local Area Network (LAN).

- 1 Port forward your router first before proceeding with the set-up**



**You must forward Ports:**  
**6100 (TCP/IP)**  
**80 (WEB)**

All routers are different. To port forward your router, please refer to your router's user manual.

A router configuration guide featuring the most commonly used routers in the market is available on your Lorex Client Software CD and also on [www.lorexctv.com/support](http://www.lorexctv.com/support) in the Consumer's Guide Section.

An example of a port forwarding screen is shown for illustration purposes.

Application	Start	End	Protocol	IP Address	Enable
System	6100	to 6100	Both	192.168.1.12	<input checked="" type="checkbox"/>
System	80	to 80	Both	192.168.1.12	<input checked="" type="checkbox"/>

- 2 DDNS (Dynamic Domain Name System) Set-up:**

Open your web browser (Internet Explorer by default) and enter [www.lorexddns.net](http://www.lorexddns.net) in the address bar.

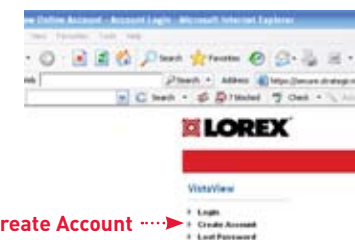
<http://www.lorexddns.net>



**LOREX PROVIDES A FREE DDNS SERVICE WITH THIS SYSTEM.**

- 3 Create Account:**

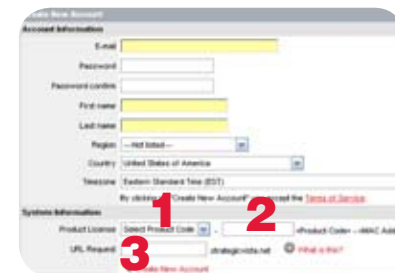
Click the **CREATE ACCOUNT** option.



- 4 Complete New Account Information:**

**TAKE THIS OPPORTUNITY TO REGISTER YOUR PRODUCT FOR WARRANTY AND PRODUCT UPDATES.**

1. **FOR PRODUCT LICENSE** select the L22WD option from the drop down menu.
2. **FOR PRODUCT CODE** enter the Monitor's MAC address (recorded in step 3 - 1) without the dashes.
3. **FOR URL REQUEST** enter a unique URL name (e.g. tomsmith). Note: URL name should not be more than 15 characters.



- 5 Registration Email:**

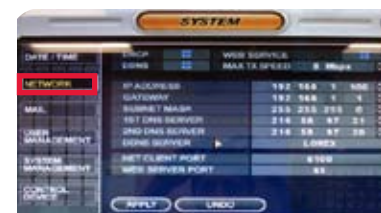
An automated **REGISTRATION CONFIRMATION EMAIL** will be sent to your email. Print and Save this confirmation. You will need this information to access your System remotely.

**DDNS Domain Name:** [ddns.lorexddns.net](http://ddns.lorexddns.net)  
**Domain:** [tomsmith.lorexddns.net](http://tomsmith.lorexddns.net)  
**User ID:** tomsmith  
**Password:** (your password)

- 6 Enter DDNS Set-up on your System:**

Mouse navigation (recommended)

1. Right click the mouse and select **SETUP** and click on **SYSTEM SETUP**
2. On **SYSTEM SETUP MAIN** Menu, select **SYSTEM**
3. Click on **NETWORK** to enable and add **DDNS** information.



- 7 Enable DDNS Settings:**

On the **NETWORK** menu, use the **DOWN** arrow key to navigate to **DDNS**. Highlight **DDNS** checkbox by pressing **ENTER** and press the **UP** arrow key to put a check mark in the **DDNS** checkbox. Press **ENTER** to accept settings.



- 8 Set the DDNS Settings:**

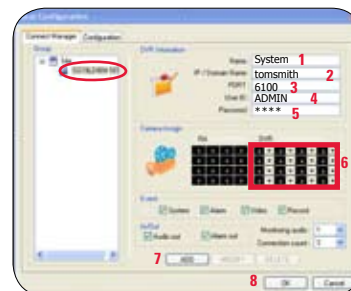
1. Scroll down to the **DDNS SERVER** within the **NETWORK** menu and press **ENTER**.
2. DDNS Server Names: **LOREX** (by default)
3. Enter the **DOMAIN NAME** sent to you in the **REGISTRATION CONFIRMATION EMAIL** (i.e. tomsmith.lorexddns.net) leaving out the .lorexddns.net part of the URL.
4. Enter the **USER ID** sent to you in the **REGISTRATION CONFIRMATION EMAIL**.
5. Enter your **PASSWORD** (from the DDNS Registration Email sent to you).
6. Click the **DDNS Status** button - a **SUCCESS** message will appear if the settings are correct.
7. Scroll to **OK** button and press **ENTER** to accept.
8. On the **SYSTEM** menu screen scroll down to **APPLY** and press **ENTER**.
9. The system will now ask you to **RESTART**. Click **OK**.

**Repeat Steps 3-2 to 3-6 to install, run, and set-up Lorex Client Software on your REMOTE COMPUTER for remote viewing.**

- 9 Enter Client Setup Information:**  
(on your remote computer for remote viewing):

Select the **GROUP** you created and enter **SETUP** information.

1. Enter a **Name** for the System
2. Enter the **DDNS DOMAIN NAME** from the **Registration Email** sent to you.
3. Enter the **Monitor TCP/IP** port (6100 by default)
4. Enter the **User ID** (ADMIN by default), max. 5 characters
5. Enter the **Admin Password** (1234 by default)
6. Add cameras using the drop down menus to assign camera positions
7. Click **ADD** to add the System Location
8. Click **OK**



**Repeat Step 3-8 to view cameras on your remote computer.**

**NOTE:** The DDNS service supports Dynamic IP addresses for remote connection. When this feature is configured on the remote system, you can access it remotely using the domain name instead of IP address. To use this feature, the system must be registered on the Lorex DDNS server. Alternatively, if you have a static IP address you can enter it here. Please refer to the LOREX CLIENT Manual for network setup and configuration.

**Congratulations!**

You have completed Step 4 successfully. You can now view, playback images and remotely control your system on your Remote computer over the internet.